# The Madrid Theatre
# Technical Packet

**Madrid Theatre**
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# LIGHTING

## REP PLOT

The Madrid Theatre provides cool, warm, and neutral front washes; cool and warm down washes; a curtain wash; red, green, and blue cyc washes; two highside washes; and three focusable specials as part of the basic rental. Fourteen specials are available for an additional fee (involves time and crew) and will be reflected in invoice. Specific colors and templates need to be provided by the renter.
The Rep Plot is configured to ETC's proprietary Dimmer Doubled System.

## INVENTORY

| Instruments | In Rep | In Storage | Total |
|---|---|---|---|
| 10° Source Four Elp, 575W | 5 | | 5 |
| 19° Source Four Elp, 575 W | 30 | 5 | 35 |
| 26° Source Four Elp, 575W | 34 | 11 | 45 |
| 36° Source Four Elp, 575 W | 18 | 1 | 19 |
| Source Four Par, 575W, 70V ** | 18 | 12 | 30 |
| Strand 3 Cell Cyc, 1kW | 6 | | 6 |
| Strand Palace Lights, 1kW | 6 | 18 | 24 |

1- 10° Lens
2- 19° Lens

| | | | |
|---|---|---|---|
| 18' Sidearms | 15 | 5 | 20 |
| ETC Multiplexers | 25 | 75 | 100 |

ETC Expression 3 Control Console - 1
Remote Focus Unit - 1
Port Locations Down Stage Left, FOH 1, 1st Electric, Back of House Right

2.4kW ETC Sensor Dimmers - 158
7 used for House Lights, 4 used for Rehearsal Lights

Lycian Midget 2K Followspot - 1

Floorplates - 8
Source Four Color Extenders - 20

Each Par has a lens set and barndoor.

** All Pars are TLG w/70v bulb to accommodate Dimmer Doubled System.

**CHANGES TO REP PLOT**

Deviation from the house rep plot, beyond the three focusable specials included in the rental, requires submission of a legible light plot, instrument schedule, and color list to the Madrid Theatre's Technical Director 2 weeks prior to load-in. Relocating and changing trims of the battens require additional crew time. The Madrid's T.D. will need to schedule and hire Madrid personnel to hang and focus the revised plot, the cost of which will be reflected on your final invoice.

When bringing in equipment, it is the user's responsibility to ascertain compatibility with all Madrid electrical and/or audio systems.

**Only Madrid employees are allowed in the catwalks. Only Madrid employees can hang, circuit and operate our lighting equipment (including our lighting console and our followspot).**

**GOBOS** – Gobos used at the Madrid Theatre are B Size Patterns.

# STAGE

**DIMENSIONS**

The Madrid Theatre stage is 40' wide by 30' feet deep by 23'6" high. It has a semi-sprung floor: black 4'x8' Masonite panels in two layers of ¾" plywood are supported by 2"x4"s which rest on rubber pads on top of a concrete bed. **There is no wing space whatsoever.** The stage is surrounded (stageleft, stageright and upstage) by black cinderblock walls covered with 12'6" high black-painted wood sound baffles. The baffles are permanent and may not be removed, painted or drilled.

**DOORS**

Set assembly is allowed in the facility, but set construction is NOT. The renter must bring in all tools. The stage load-in door is located center upstage; 10' high by 7' wide double-door swinging into the backstage hallway. The load-in door from the alley behind the theatre is a 7' 101/2" wide double door swinging in to the backstage hallway. The backstage hallway is 10' high by 6' wide. The upstage load-in door remains closed during all performances. There is a standard sized emergency exit door located mid-stage in the stageright wall that remains closed at all times.

## PAINTING

Painting is NOT allowed inside the facility. Limited touch-up painting is allowed, provided that the stage is properly tarped to protect black surface. Spray painting is NEVER allowed.

Renters may paint the stage deck with prior approval by the Madrid's T.D. Stage floor pockets may not be painted. The renter will purchase and supply all required painting materials. Madrid staff will not do the actual painting, however, the Madrid T.D must supervise the work.

To return stage deck to original black the renter will also purchase and supply one five gallon drum of Colorama True Black traffic paint #3084 by Pervo, three rolls of 2" masking tape, six rollers, three roller sticks and three roller pans. A three man four-hour minimum call is required to restore the stage, the cost of which is charged onto the renter's bill.

## DRILLING

The stage may be drilled with drywall screws. Lag screws and Barrel Bolts may be used with the T.D.'s approval. Lag screw holes and Barrel Bolt holes must be filled with the proper sized wooden dowels, purchased by the renter, during the theatre restore.

Unusually heavy wear on the deck may, at T.D.'s discretion, warrant a paint restoration or Masonite panel replacement.

# PIT

## DIMENSIONS

There is a curved thrust pit extension: 6' deep center-stage and 4' deep at the offstage corners. It is a Stageright steel scaffolding configuration with 4' wide platforms. The flooring is finished with black wood on one side and a medium blue carpet on the other. The pit extension height can be lowered from stage level in 6" increments to ground floor level. Multi-level configurations are possible. The pit extension can also be entirely removed, exposing the recessed pit 3' below ground floor level. The recessed pit has a maximum capacity of 8 people. A Glamour Wall is available for the recessed pit. However, there is not a Glamour Wall for when the pit is set at ground floor level. Please note that the first row of house seats (Row A) has been permanently removed. When the pit is at floor level, we do not sell Row B due to sight line reasons.

**PIT ADJUSTMENT**

The house rep has the pit extension at FLOOR level. A pre-arranged three man five-hour minimum call is required to adjust the height of the pit, the cost of which, as well the cost of restoring the pit to floor level, is charged onto the renter's bill. The pit extension may not be painted, nor drilled.

# SOFT GOODS

The Madrid Theatre's Main Curtain is a two piece medium blue velour that travels from side to center, landing approximately 1' upstage of the pit. It is a manual pull and may only be traveled by Madrid Staff. The Main Curtain is never removed.

The Madrid Theatre has a 21' 10" high by 36' wide white Cyclorama located 2 ½' downstage of the upstage wall. It is a manual pull that travels stageright to stageleft, and may only be traveled by Madrid Staff.

The Madrid Theatre house hang has four 40' by 4'24 oz. black velour borders and three sets of 8' by 24' 24 oz. Black velour legs. See light plot for positions and trims.

The theatre also has one two-piece 40' by 24' 24oz. black velour full stage drop, one set of 8' by 24' 24 oz. black velour legs, three 38' by 4' 24 oz. black velour borders, and three sets of 8' by 21' 10" 24 oz. black velour borders in storage.

The Madrid Theatre is a **DEAD HUNG HOUSE**; 12 pipes total, 2 pipes are fixed, trims less than 21' 10" not available. Relocating soft goods and/or dead-hung pipes is an additional labor cost to renters.

All special rigging requirements must be discussed and approved by the Technical Director prior to load-in. Rigging materials must be provided by renter and approved by the T.D.

# BACKSTAGE

The Madrid Theatre has two 10' by 23' dressing rooms backstage. Each has a comfortable capacity of ten persons, and is equipped with lighted make-up mirrors, a full size mirror, sinks, a shower and toilet facilities. Please do not tape or adhere anything to the walls. Please do not hang anything from the lighting fixtures.

All hallways and doorways backstage must be unobstructed, with a clear path of egress, at all times.

There are two standard doors that can be used for entrances during performances. One is upstage right leading from the men's dressing room, the other is upstage left leading from the backstage hallway.

There is also a Technical Room backstage that is solely used by the theatre as a work and storage space.

# SOUND

## SOUND SYSTEM EQUIPMENT

One (1) Yamaha MC 2404 II console
- 24 channel
- 4 band EQ
- 4 Aux send
  - Aux 1 is hardwired to down stage left,
  - Aux 2 is hardwired to down stage right
  - Both have Neutrix Speakon and ¼" connections
- 4 Group
- 2 Matrix
- Phantom power to all channels in groups of 4
- Tape out and in
- Return loop

Two (2) Technics SL-PG480A Compact disk Players
One (1) Tascam 202 MKII Dual Dubbing Cassette Deck
One (1) Instant Replay Hard Disk Audio 2.0
One (1) Digitech Vocalist VR
Two (2) Rane ME 60 Graphic Equalizers
- One for house mains, one for delayed balcony speakers

One (1) Rane AD-22 Audio Delay (for balcony)
One (1) Rane AC-22 Active Crossover
One (1) Aphex 106 4 channel Automatic Compressor
One (1) JBL DSC 260 Digital System Controller
Microphone patchbay
One (1) Crest Audio CA4 amps (for onstage monitors)
Two (2) Crest Audio CA6 amps (for balcony)
Three (3) Crest Audio CA9 amps (for mains)
Two (2) TOA A-912 MK2 amps
- One for 77V monitor system, one for hearing impaired system

Two (2) JBL Control 1 Speakers (for mix location)
Three (3) JBL Control 28 Speakers (two for balcony, one used as monitor)
Three (3) JBL SP 212 Speakers (two for mains, one used as monitor)
One (1) JBL SP 128S Speaker (for mains)

House mix location is in the back of the balcony. Mix location will not be moved.

We have the following microphones available for rental at $15 per microphone per performance:

Nine (9) SM 58
Three (3) SM 57

We also have the following equipment:

Four (4) DI boxes w/ ground lift
Six (6) straight mic stands
Three (3) boom mic stands

Microphone input locations:

Front house Catwalk #1 – inputs #1-4
Tech Table Location – input #5
Backstage Hallway – inputs #6-7
Downstage Right – inputs #8-15
Three mic cables are run under deck to pit
Upstage Center – inputs #20-27
Downstage Left – inputs #32-41
Three mic cables are run under deck to pit

All microphone runs are hardwired to the patchbay at the amp rack in the control booth. They can be patched into the 30 channel snake that is hardwired from the patchbay to the mix location.

The Madrid Theatre <u>does not have a discrete onstage monitor mix</u>.
However, we can send two separate auxiliary send signals from our mixing board to wall-mount Speakon panels downstage left and downstage right. There is one (1) JBL Control 28 and one (1) JBL SP 212 that can be used as monitors.

There are also several unused hardwired Speakon connector locations:

Balcony Floor Level – outputs #1-4; unused
FOH 2 Catwalk – outputs #5-6; Control 28's for house config.
FOH 1 Catwalk – outputs #7-8; unused
Stage Catwalk 1 – outputs #9-11; SP 212's & SP 128S for house config.

There is a 70V Stage Monitor System (program and overhead stage mic mix) feed to both dressing rooms, administrative offices, technical office, box office, and control room. Each area has a local wall-mount volume control. This set-up cannot be changed.

The Theatre is equipped with a Phonic Ear hearing impaired system, focused at the middle 11 seats in the first three rows of the balcony. There are 15 Body Receivers and headsets. This system takes a feed off the board. This configuration cannot be changed.

The Theatre has an RTS headset system. There are six (6) belt packs and double muff headsets, to be used primarily by Madrid staff. Hardwired PC locations are:

| | | |
|---|---|---|
| Sound Mix Location | Tech Table Location | Woman's Dressing Room |
| Control Booth | Backstage Hallway | Technical Room |
| Back of House, Right | Downstage Right | General Manager's Office |
| Box Office | Upstage Center | Administrative Office |
| FOH Catwalk 2 | Downstage Left | |
| FOH Catwalk 1 | Men's Dressing Room | |

Only Madrid employees are allowed to configure and operate our sound equipment. A Sound Operator must be hired (for a 4-hour minimum call) whenever our sound system is used. A Sound Operator must be hired (for a 4-hour minimum call) whenever sound load-in, set-up, redesign or load-out exceeds simple microphone set-up. These crew costs will be reflected on your final invoice.

Worklight rehearsals do not include the use of the house sound system.

SOUND EQUIPMENT MANUALS, CUT SHEETS AND SYSTEM SCHEMATICS AVAILABLE ON REQUEST.

# VIDEO

There is camera mounted on the Balcony Rail. It cannot be moved. The signal is sent to a monitor and video patchbay at the amp rack in the control booth. The signal (video only, no audio) can be patched to the following locations:

- 1st Floor Lobby – output #1
- 2nd Floor Lobby – output #2
- Sound Board – output #3-4
- General Manager's Office – output #6
- Balcony – output #7
- Backstage hallway – outputs #9-10
- Downstage Right – outputs #13-14
- Upstage Center – outputs #15-16
- Downstage Left – outputs #17-18

The wall mount connections are BNC. The Theatre does not have video monitors. Monitors must have a video input (RCA type). Televisions will work. You cannot go in through an antenna (UHF/VHF) or cable connections.

There are several specific locations in the house to place outside video equipment and cameras. Most of them are designated as handicapped spots, and are therefore subject to ticket sales by handicapped patrons. Depending on the sound demands of the production, an audio signal may be sent from the mixing console. If the camera operator requires a wireless audio feed, we must know the frequency of the transmitter. We will not be able to accommodate this request if it interferes with wireless mic equipment. This must be pre-arranged with the T.D. all video equipment must be set-up and tested 1½ hours prior to the house opening. Late arriving equipment will not be allowed to set-up.

# MISCELLANEOUS

There is a rental fee for our follow-spot. You must use one of our technical personnel to run the follow-spot.

The Madrid's T.D. must be notified 2 weeks in advance if you plan on using the 200A 3 Phase Cam-Loc Company Switch located backstage. Only the T.D. can tie-in and throw The Switch. The theatre does not have tails or distro.

We ABSOLUTELY reserve the right to refuse to use, hang, locate, or operate any equipment in a manner that is unsafe or illegal. All practicals are subject to the T.D.'s approval.

Worklight rehearsals do not include the use of the theatrical lighting system.

Inventory in storage may be in the process of being repaired, and therefore availability is not guaranteed. Please call to verify.

HOUSE REP PLOTS ARE AVAILABLE ON REQUEST.

_____ _____

User Date

_____ _____

Chris Riedesel Date
Theatre Manager
Madrid Theatre